

### **WHAT IS CLAIMED IS:**

1. A fixed rotary sleeve, comprising:

a drive member formed in the shape of a cylinder, at a center of an end of which defined with a connecting hole, and plural open grooves  
5 averagely arranged on outer periphery of the drive member, on the outer periphery of the drive member defined with a positioning hole which is connected to the connecting hole, a positioning piece received in the positioning hole;

a connecting rod having a bent shape, at both ends of the  
10 connecting rod respectively formed with annular positioning groove, a first end of the connecting rod inserted in the connecting hole of the drive member, and the positioning groove at first end of the connecting rod corresponding to the positioning hole of the drive member, the positioning piece in the positioning hole having an end inserted in the  
15 positioning groove of the connecting rod;

a driven member formed in the shape of a cylinder, at center of an end of which is defined with a linking hole, and on outer periphery of the driven member evenly distributed plural open grooves, on the outer periphery of the driven member further defined a locating hole which is  
20 connected to the linking hole, a positioning member received in the locating hole, at another end of the driven member defined with a connecting portion, and a recess formed on a periphery of the connecting portion for reception of an elastic member and a ball, the linking hole of

the driven member provided for insertion of the second end of the connecting rod, the positioning groove of the connecting rod corresponding to the locating hole of the driven member, an end of the positioning member inserted in the positioning groove of the connecting  
5 rod;

plural drive rods bent-shaped corresponding to the connecting rod, both ends of the respective drive rods received in the open grooves of the drive member and of the driven member respectively;

plural cylinders employed to abut against the outer peripheries of  
10 the drive member and the driven member, so as to confine the respective drive rods in the respective open grooves of the drive member and of the driven member respectively.

2. The fixed rotary sleeve as claimed in claim 1, wherein the plural cylinders are made of elastic material, which are employed to abut  
15 against the outer peripheries of the drive member and the driven member so as to confine the respective drive rods in the respective open grooves of the drive member and of the driven member respectively.

3. The fixed rotary sleeve as claimed in claim 1, wherein an inserting groove is formed on the connecting portion of the driven  
20 member for insertion of different tool heads.